FY03-04 New Starts In D984

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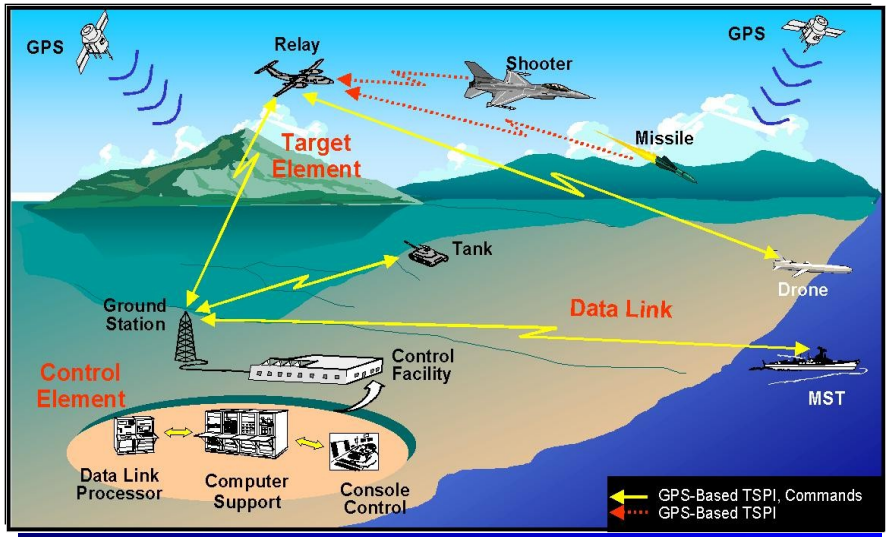
21st Century Target Control System



CUSTOMER/ USERS

Customers:

- **US Army White Sands Missile Range (WSMR)**

Users:

- **Patriot, PAC-2, PAC-3**
- **MLRS, ATACMS, GMLRS, HIMARS, MEADS**
- **THAAD, CORPS SAM, STD Missile IV,**
- **BAT, SADARM, Stinger, and AMRAAM.**

DESCRIPTION

Integrate an OSD CTEIP-developed tri-Service interoperable/ common GPS-based target control system (TCS) at WSMR. System integration will provide required control of a mix of 1-4 aerial targets (+ 2 hot spares) or a mix of 1-24 ground targets (+ 8 hot spares). TSPI data must be GPS based: accuracies (X,Y <10', Z <10'-20 ', X,Y velocity < 1.7'/s, Z velocity < 2.7'/s). Control of all service targets are required.

FUNCTIONAL DATA

Project is unclassified.

Project was not presented at last APBI.

C4I/Test Instrumentation Control Center (TCC) II

CUSTOMER/ USERS

Customers:

- US Army White Sands Missile Range (WSMR) Electronic Proving Ground (EPG)

Users:

- ASAS (ATCCS), AFATDS, CSSCS, FAADS C2I
- AWEs, RFPI, Constellation, BCTP, STORM
- FBCB2, Tac Internet

DESCRIPTION

Provides automated command and control tool for real-time test progress/ performance monitor for all ABCS, joint and multi-national integrated exercises: (1) real-time control of EPG live, virtual, and constructive sims; (2) interface to other VPG capabilities and other service's M&S; (3) commun-icate over various media; (4) dynamically manage interfaces to multiple simulations; (5) support any interface

FUNCTIONAL DATA

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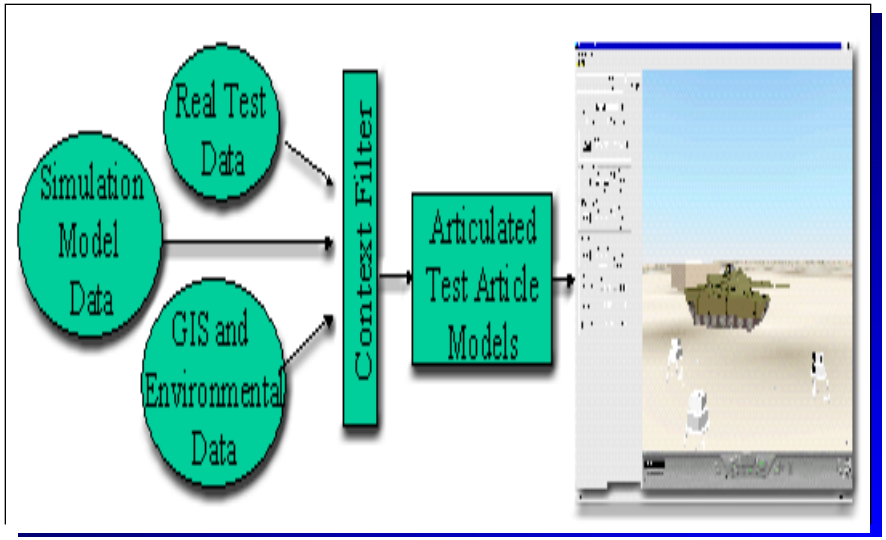
Quantitative Visualization (QV)



CUSTOMER/ USERS

Customers:

- **US Yuma Proving Ground (YPG), others.**

Users:

- **Aircraft Stores Sep, Comanche, Crusader**
- **Direct Fire (all types), Longbow Apache**

DESCRIPTION

A digital platform that will allow the real-time and quantitatively precise visualization of tests from an all-encompassing perspective, so that real tests are mirrored into the digital world with quantitative precision. Collect and archive all data, simulated and real-measured, into a single entity, and articulate re-loaded computer models of test articles according to the archived data against a synthetic landscape to allow the detailed and

FUNCTIONAL DATA

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